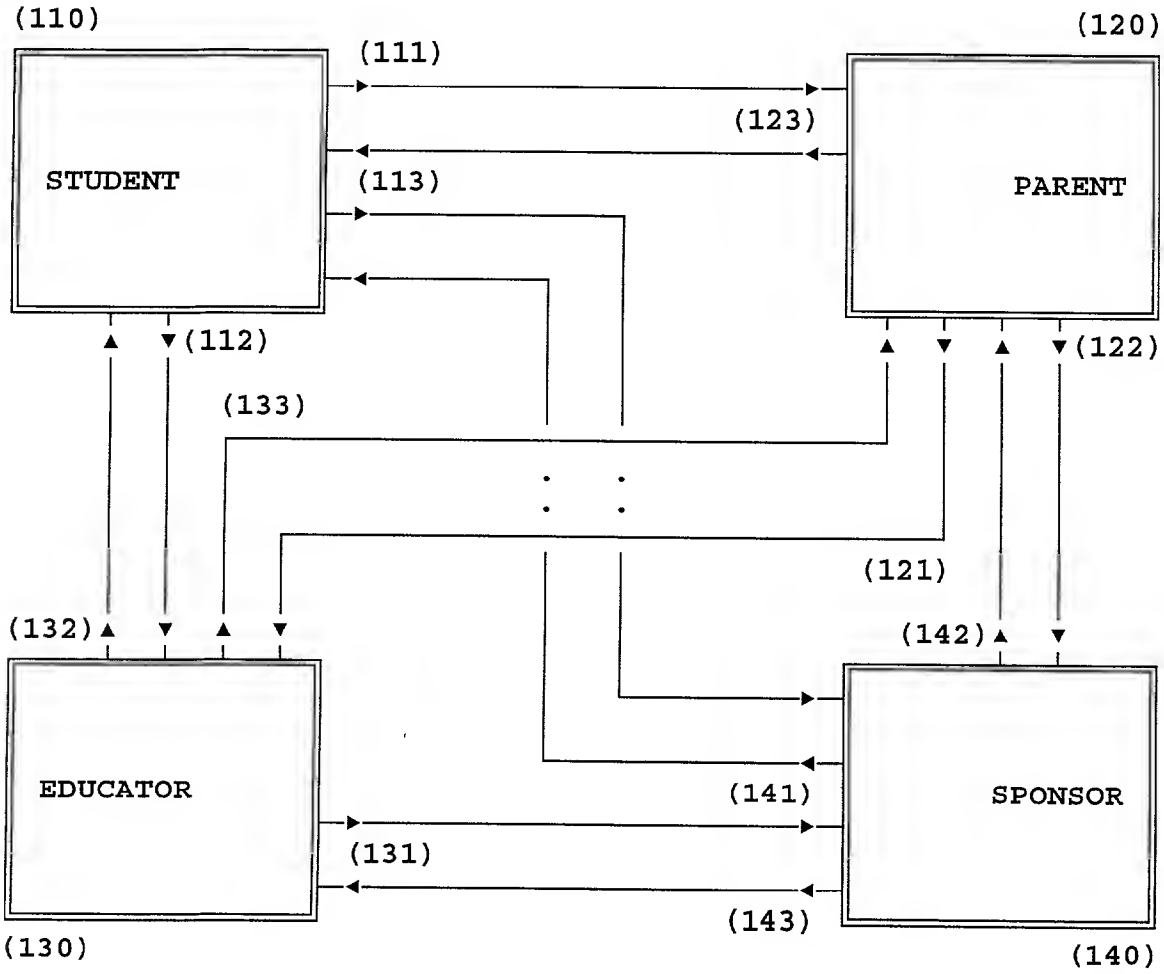

FIGURE 1: RELATIONSHIPS BETWEEN PARTIES

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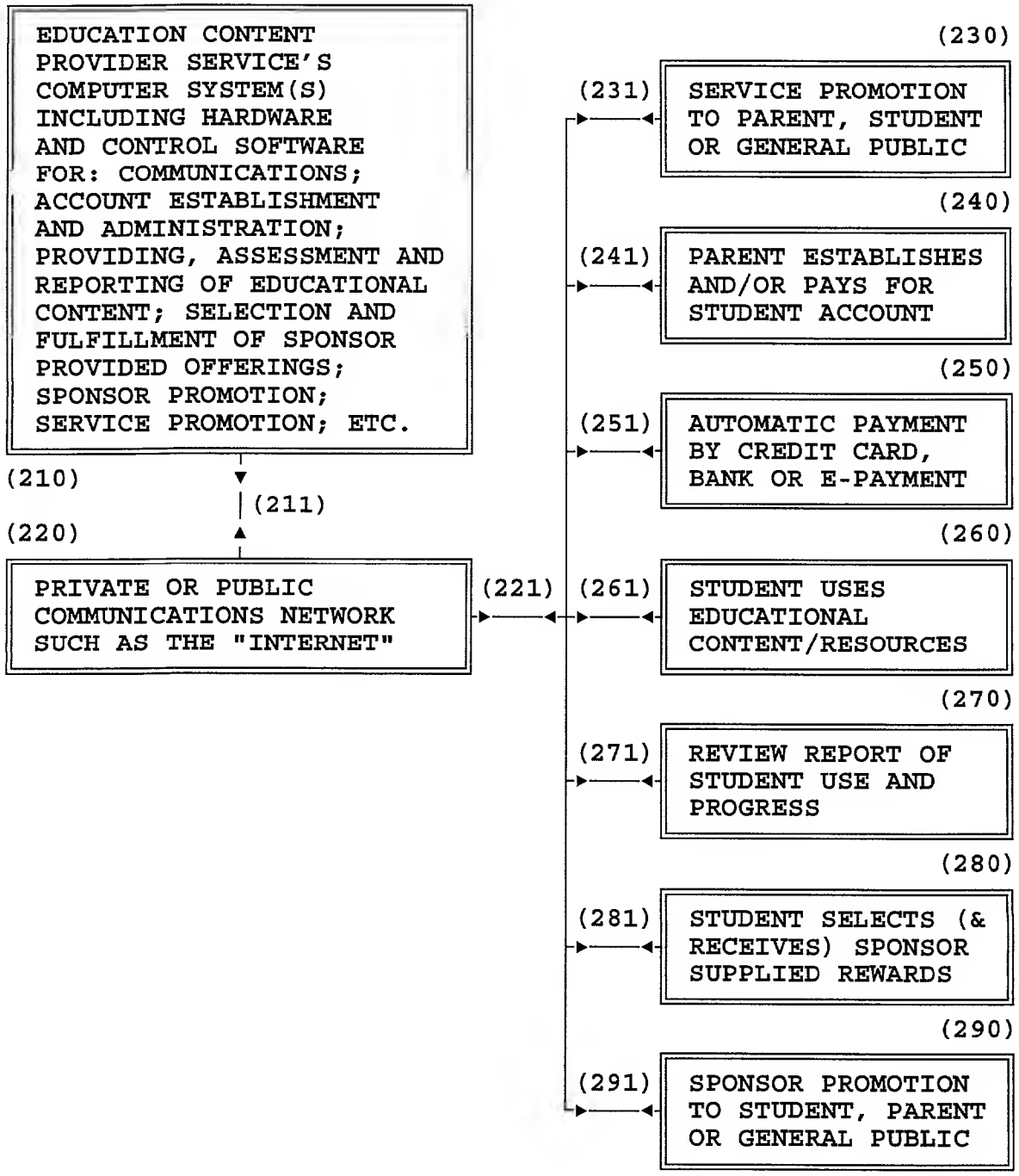

FIGURE 2: EXAMPLES OF NETWORK-MEDIATED FUNCTIONS

310	ACCOUNT INFORMATION: EXAMPLES, SOME DETAILS OMITTED	
311	PARENT LOGIN	DADDYO6
312	PARENT PASSWORD	IPAY4IT
313	PARENT NAME	DR. SAMUEL CONCERNED
316	PARENT CONTACT	123 MAIN; 212/333-4444; drwc@att.com
313	PARENT PAYMENT	VISA 1234-777888-90112
316	STUDENT LOGIN	SONOFSAM
317	STUDENT PASSWORD	NOTBYCHOICE
313	STUDENT NAME	SAMUEL CONCERNED, JR.
319	STUDENT CONTACT	123 MAIN; 212/333-4445; sos@att.com
320	SERVICES	STANDARD MATH & INTENSIVE VERBAL
321	INCENTIVES	ALL OK BUT COSMETICS

FIGURE 3: EXAMPLE OF ACCOUNT INFORMATION DATABASE ENTRY

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410	WEEKLY STUDENT USE: EXAMPLES, SOME DETAILS OMITTED	
411	MONDAY USE	YES; SCORE 80%; POINTS 1
412	TUESDAY USE	YES; SCORE 90%; POINTS 1
413	WEDNESDAY USE	YES; SCORE 60%; POINTS 1
414	THURSDAY USE	NO; SCORE NIL; POINTS 0
415	FRIDAY USE	YES; SCORE 70%; POINTS 1
416	SATURDAY USE	YES; SCORE 70%; POINTS 2
417	SUNDAY USE	YES; SCORE 80%; POINTS 2
418	WEEKLY SCORE	6 VISITS; AVERAGE SCORE 75%; 8 POINTS
419	REWARD OFFERED	LEVEL 2 MUSIC OR LEVEL ONE CLOTHING

FIGURE 4: EXAMPLE OF WEEKLY A STUDENT USE DATABASE ENTRY

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510	STUDENT PROGRESS REPORT: EXAMPLES, SOME DETAILS OMITTED	
511	MATH WEEK 1	AVERAGE SCORE 60%
512	VERBAL WEEK 1	AVERAGE SCORE 90%
	. . .	
513	MATH WEEK N	AVERAGE SCORE 80%
514	VERBAL WEEK N	AVERAGE SCORE 80%
515	MATH PROGRESS	MODERATE SCORE; VERY GOOD PROGRESS
516	VERBAL PROGRESS	GOOD SCORE; BUT NO PROGRESS
517	RECOMMENDATION 1	MATH: ISOSCELES RIGHT TRIANGLE PROBLEM
518	RECOMMENDATION 2	VERBAL: PRACTICE SUPPLIED VOCABULARY
	. . .	
519	RECOMMENDATION N	GENERAL: SKIP FEWER PRACTICE SESSIONS

FIGURE 5: EXAMPLES OF A STUDENT PROGRESS REPORT DATABASE ENTRY

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610	STUDENT/PROBLEM PROGRESS: EXAMPLES, SOME DETAILS OMITTED	
611	PROBLEM 1	RIGHT ISOSCELES TRIANGLE
612	ENCOUNTER 1	VERSION 6; CORRECT; SESSION 2
613	ENCOUNTER 2	VERSION 3; CORRECT; SESSION 5
614	STATUS	MASTERED; REPEAT ONLY IF TIME
	. . .	
619	CONTINUATION	ONLY AS NEEDED

620	STUDENT/PROBLEM PROGRESS: EXAMPLES, SOME DETAILS OMITTED	
621	PROBLEM 2	30°/60°/90° TRIANGLE
622	ENCOUNTER 1	VERSION 2; INCORRECT; SESSION 2
623	ENCOUNTER 2	VERSION 4; INCORRECT; SESSION 3
624	ENCOUNTER 3	VERSION 6; CORRECT; SESSION 4
625	ENCOUNTER 4	VERSION 1; CORRECT; SESSION 6
626	ENCOUNTER 5	VERSION 3; CORRECT; SESSION 12
627	STATUS	MASTERED; BUT REPEAT TO CONFIRM
	. . .	
629	CONTINUATION	ONLY AS NEEDED

FIGURE 6: EXAMPLES OF STUDENT/PROBLEM PROGRESS REPORT DATABASE ENTRIES

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710	PROBLEM STRUCTURE: EXAMPLES, SOME DETAILS OMITTED	
711	NAME	3/4/5 TRIANGLE
712	PROBLEM/VERSION	PROBLEM 27 VERSION 2
713	TEXT FOR PROBLEM	"Side A of triangle is 10 inches ..."
714	PROBLEM GRAPHIC	P27V2.GIF
715	ANSWER A TEXT	"6 inches"
716	ANSWER B TEXT	"6 feet"
717	ANSWER C TEXT	"8 inches"
716	ANSWER D TEXT	"10 inches"
719	ANSWER E TEXT	"5 inches"
720	CORRECT ANSWER	A
721	CORRECT ACTION A	"Congratulations, you recognized ..."
722	INCOR. ACT. B-D	"Sorry, CLICK HERE to review 3/4/5 ..."
723	INCOR. ACTION E	"This is not a 30°/60°/90° ..."
724	ACTION E GRAPHIC	P27ACTE.GIF
725	REVIEW TEXT	"This is an example of a 3/4/5 ..."
726	REVIEW GRAPHIC	P27REV.GIF
727	ADDITIONAL HELP	"For additional help see Schaum's ..."
728	STATISTICS	Historical use by all students

FIGURE 7: EXAMPLE OF A PROBLEM STRUCTURE DATABASE ENTRY

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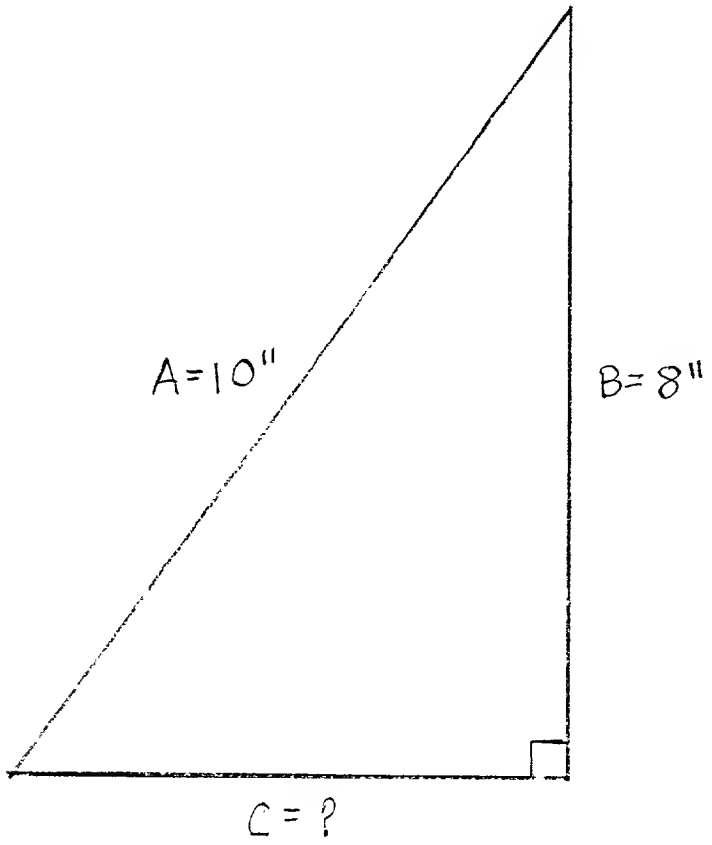

FIGURE 8: EXAMPLE OF A PROBLEM STATEMENT ILLUSTRATION

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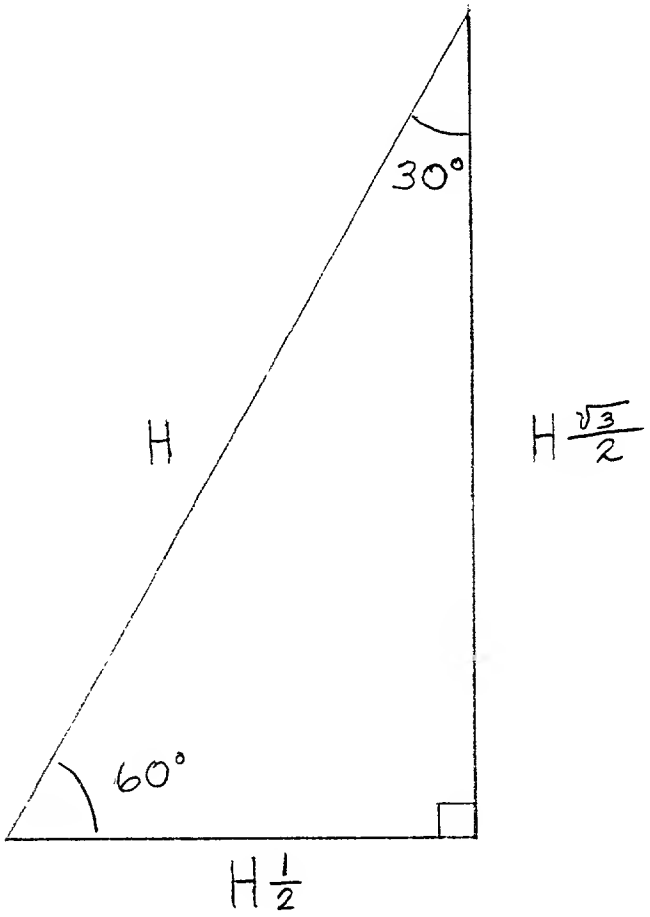

FIGURE 9: EXAMPLE OF AN ANSWER CORRECTION ILLUSTRATION

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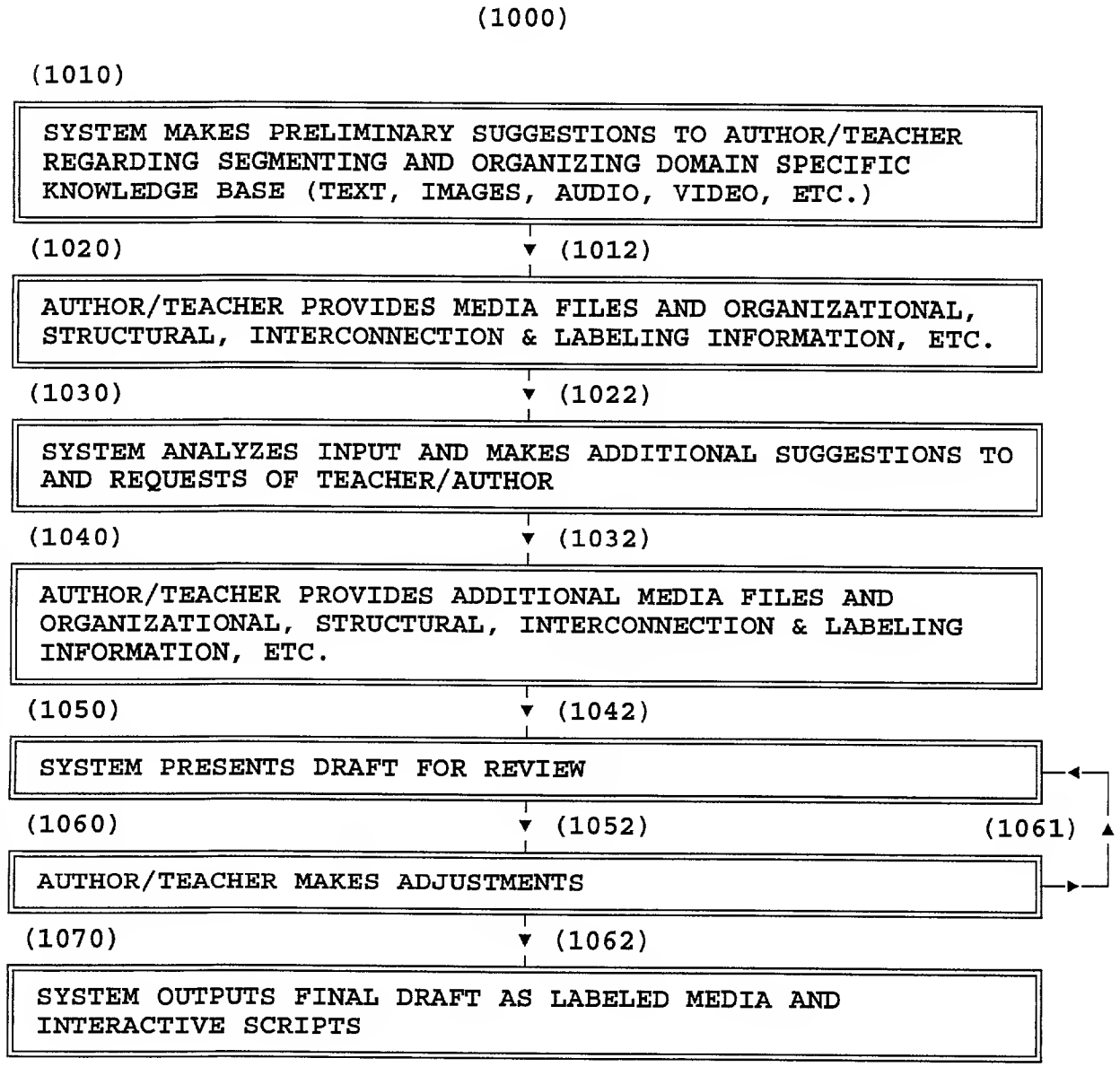

FIGURE 10: OVERALL SYSTEM FLOW — AUTHORING (TEACHING) MODE

Application Ser. No. 09/652,154

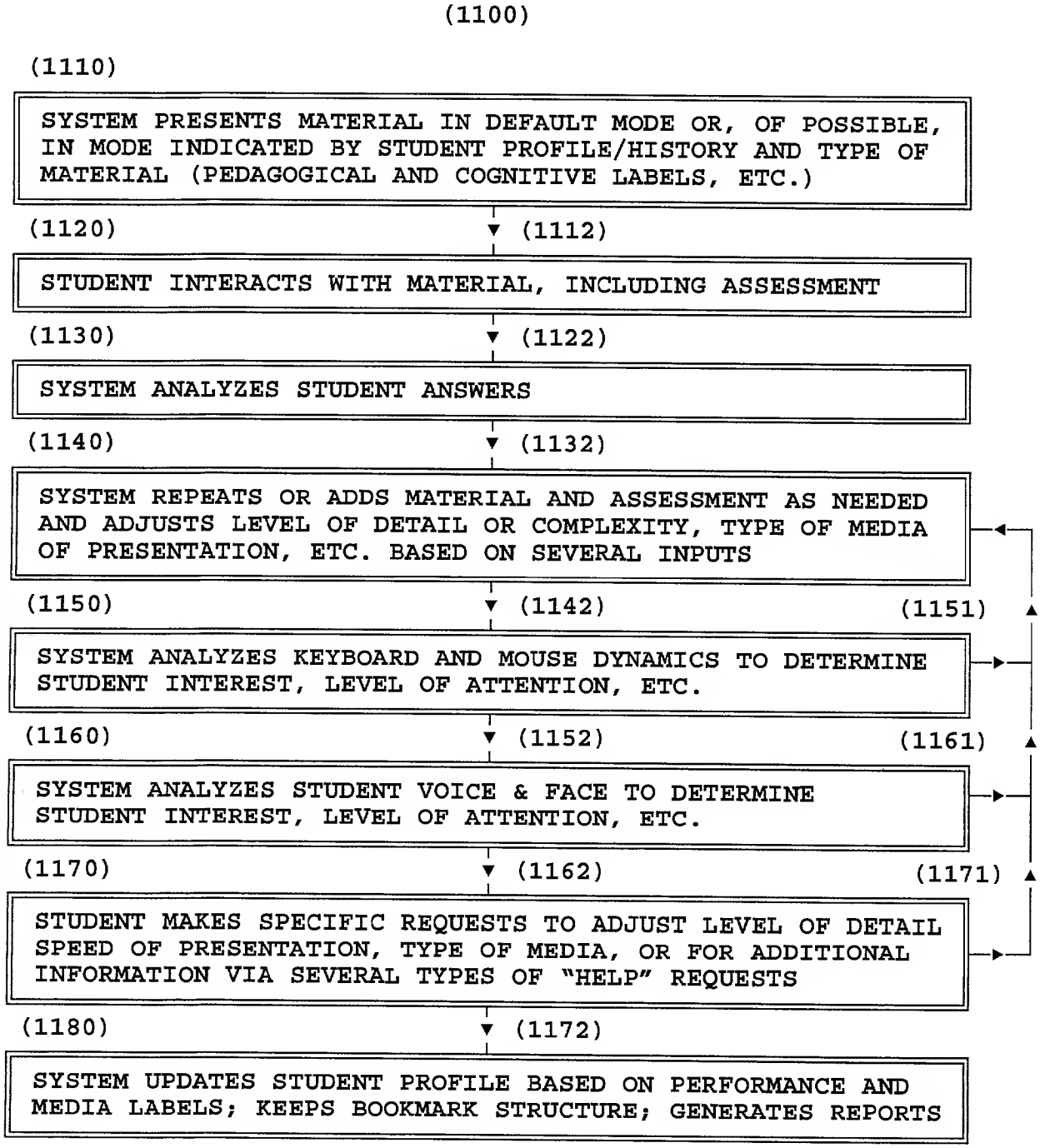

FIGURE 11: OVERALL SYSTEM FLOW — PRESENTATION (LEARNING) MODE

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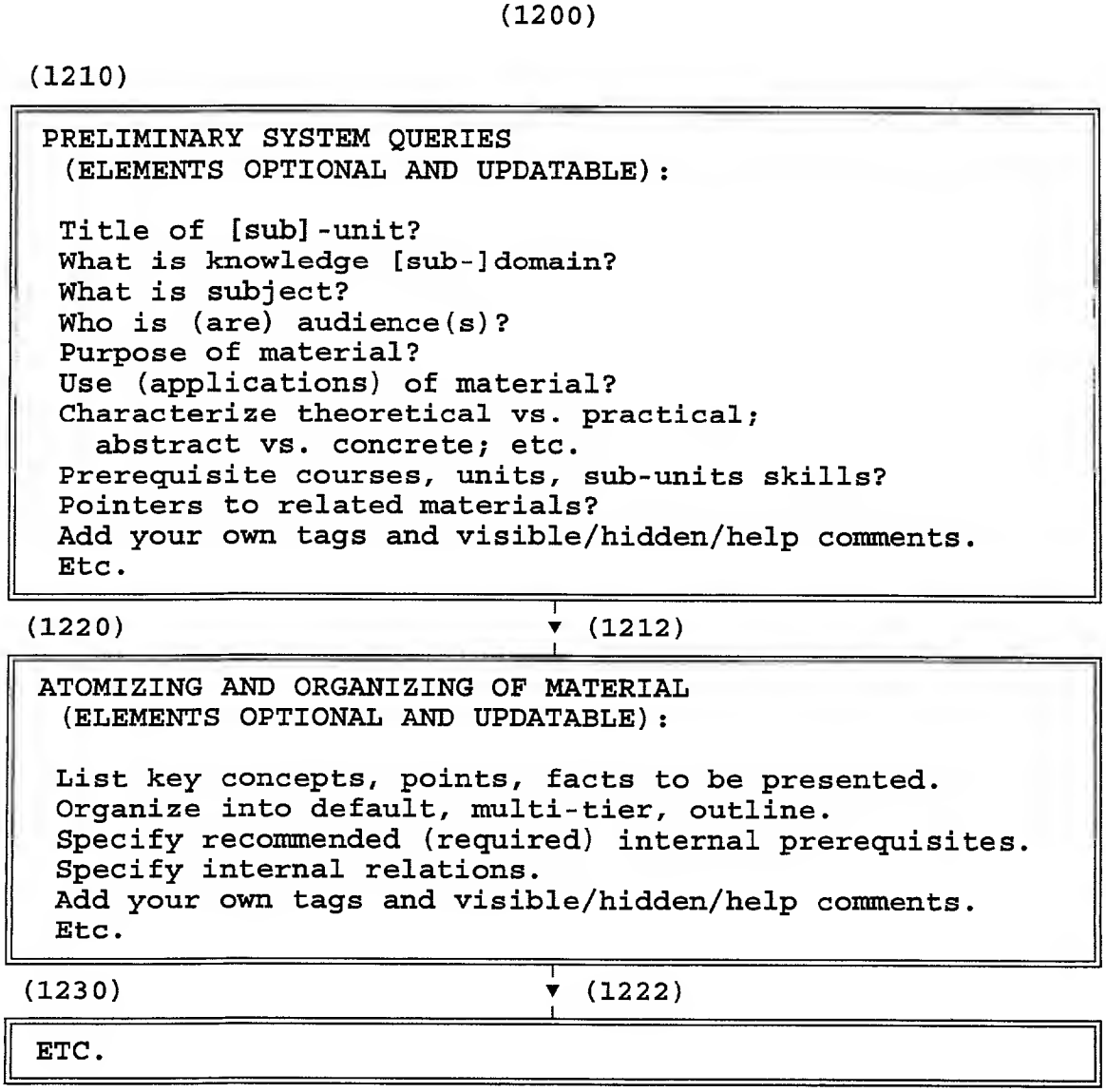

FIGURE 12: EXAMPLES OF EXPANSION OF ELEMENT (1010)

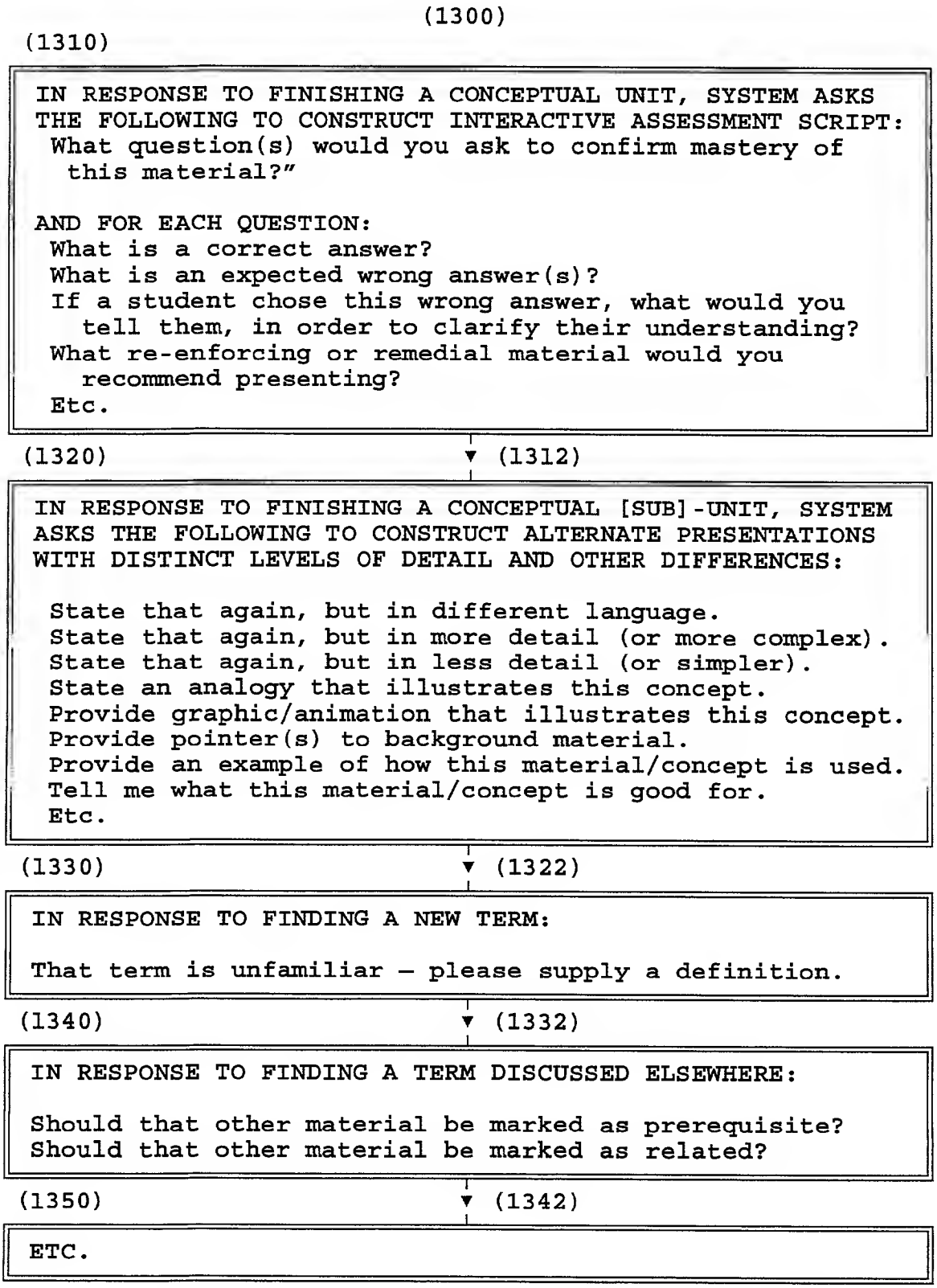

FIGURE 13: EXAMPLES OF EXPANSION OF ELEMENT (1030)

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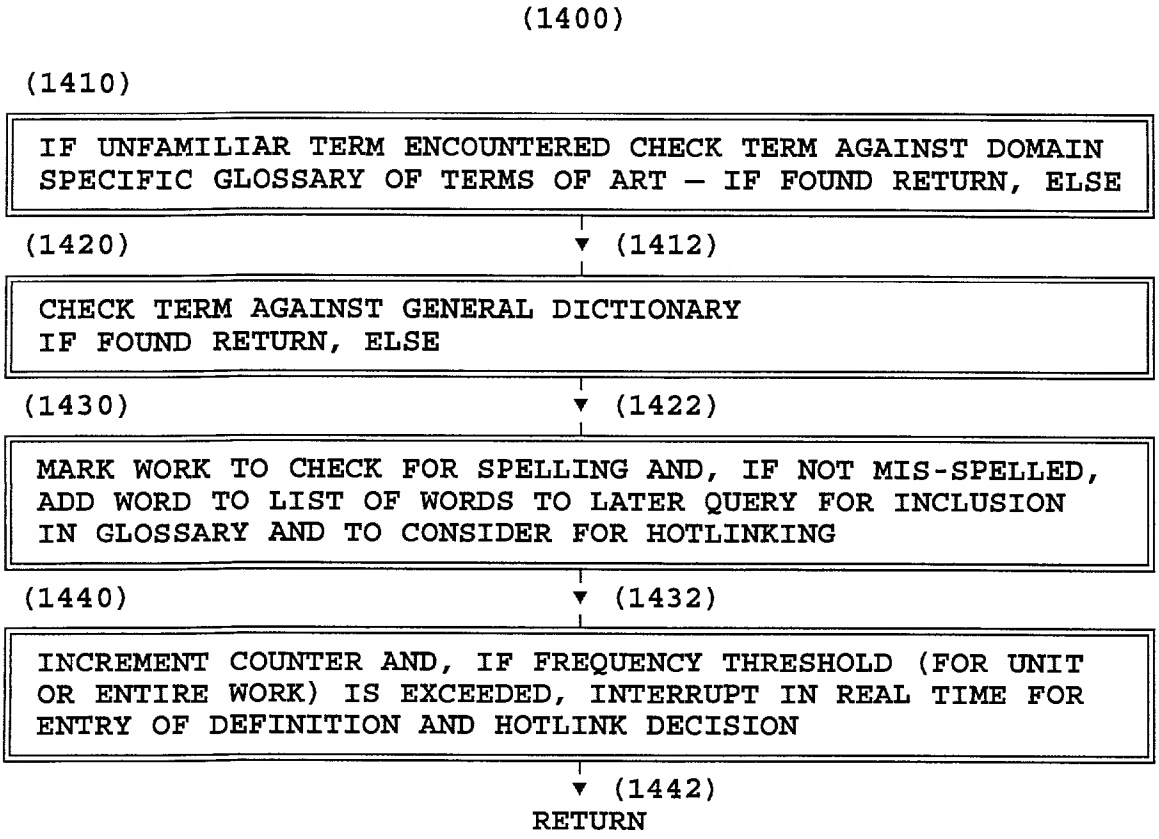

FIGURE 14: EXAMPLE OF EXPANSION OF ELEMENT (1330)

Google Exhibit 1055

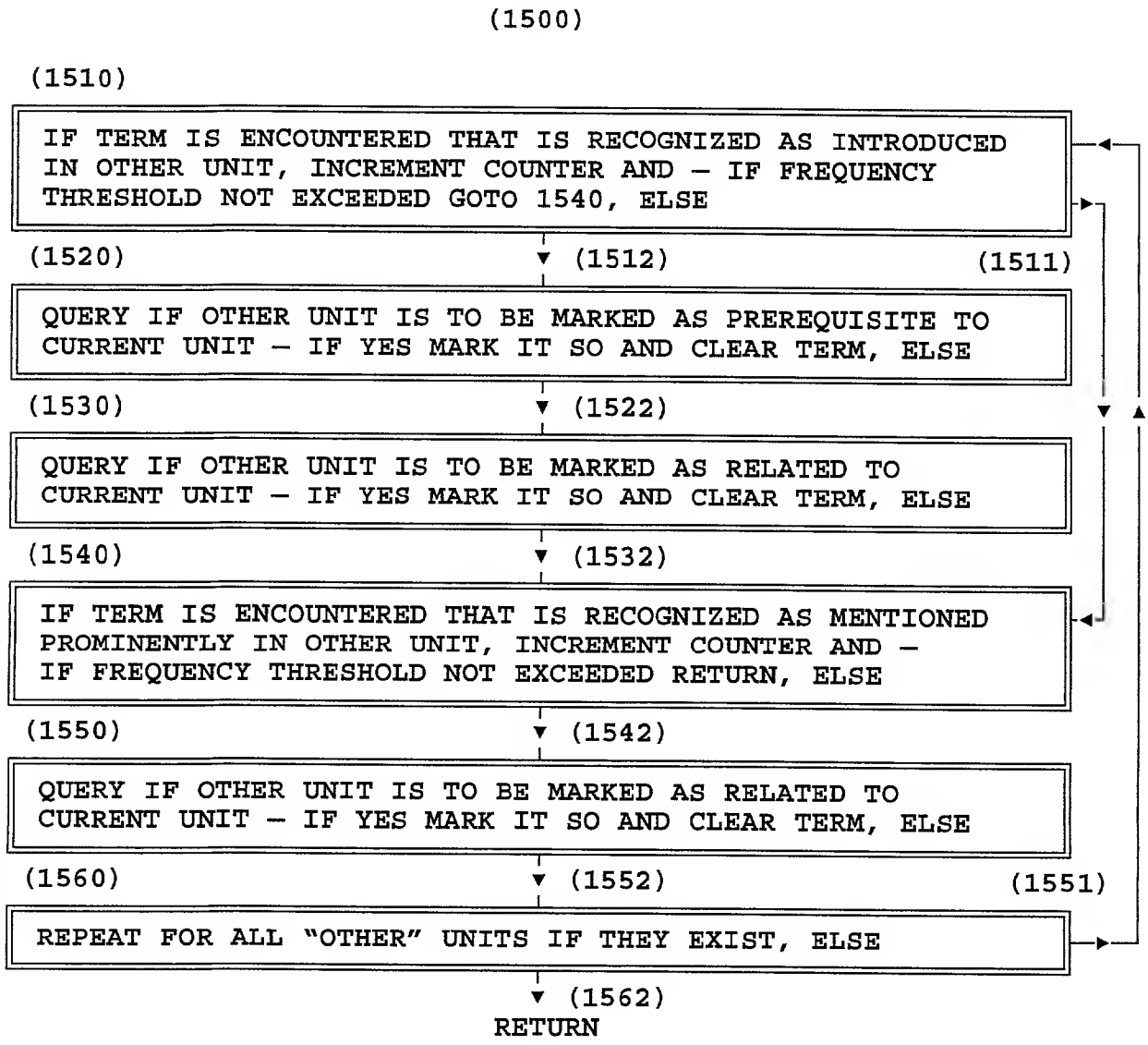

FIGURE 15: EXAMPLE OF EXPANSION OF ELEMENT (1340)

Document1 - 04/26/01

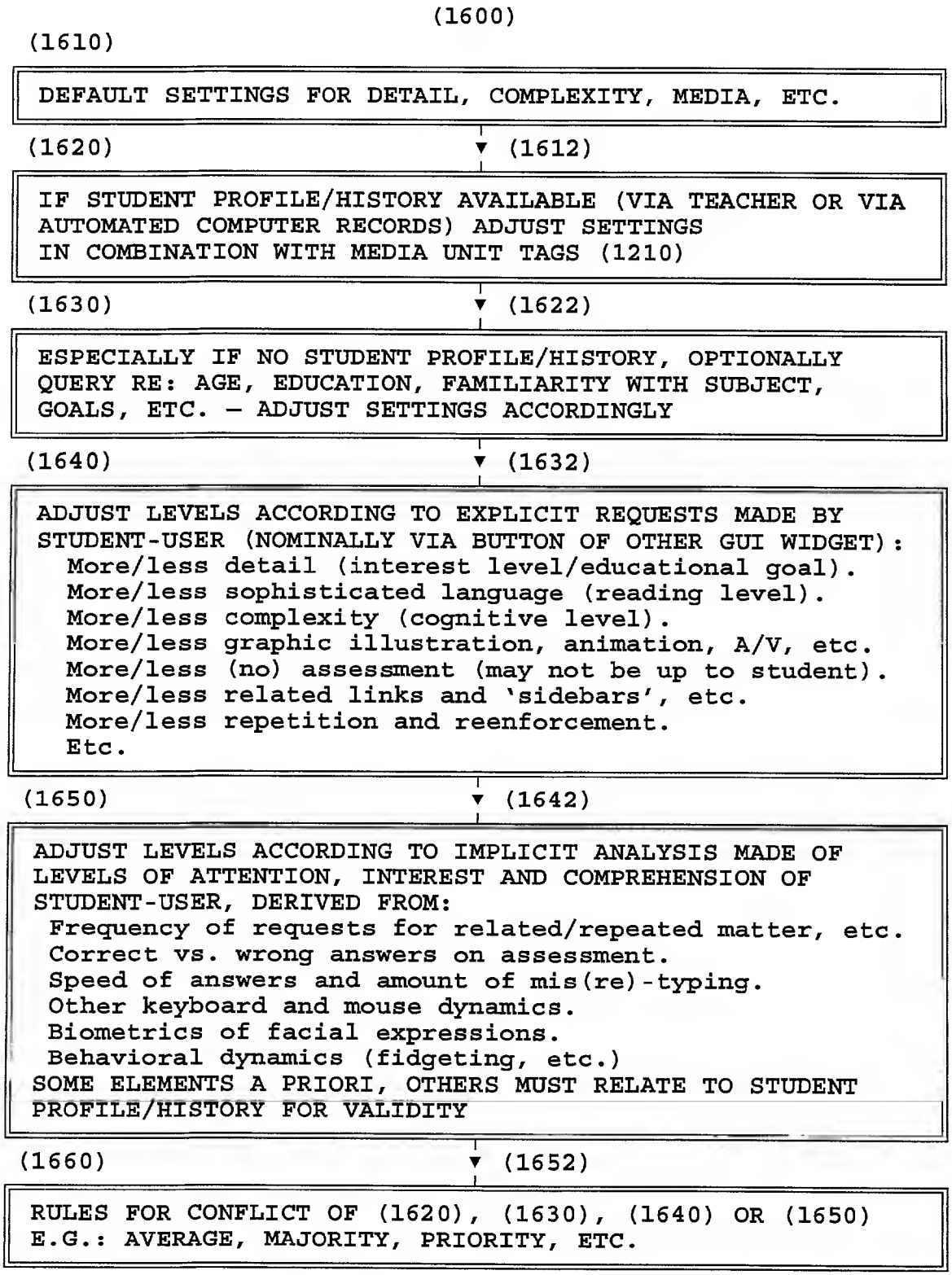

FIGURE 16: EXAMPLE OF EXPANSION OF PART OF ELEMENT (1140)

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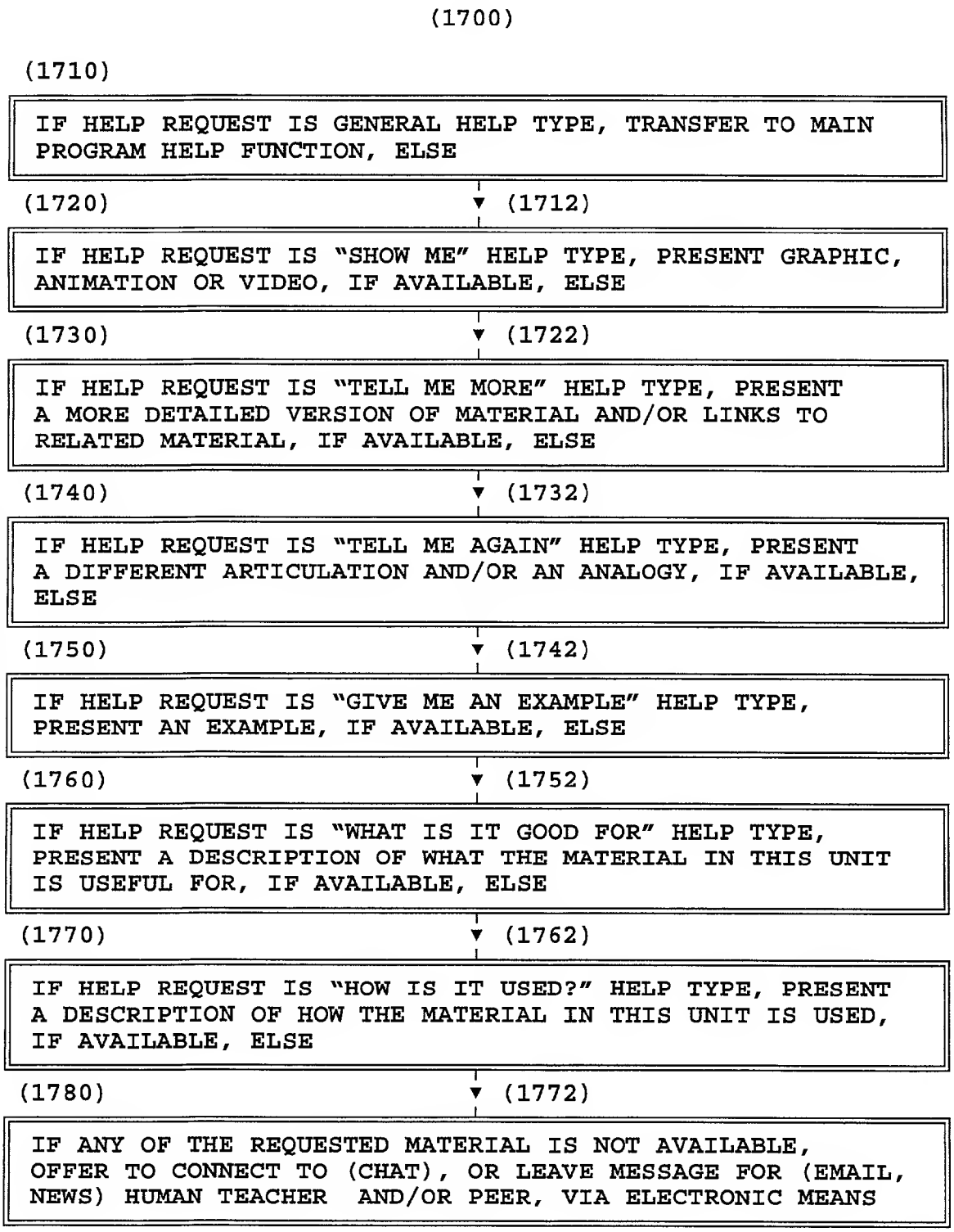

FIGURE 17: EXAMPLE OF EXPANSION OF PART OF ELEMENT (1170)